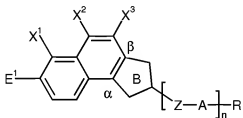


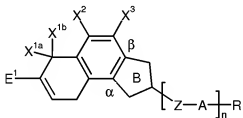
This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

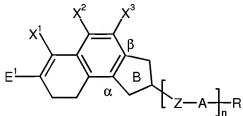
1. (Currently Amended) A cyclopenta[a]naphthalene compound of formula I, II, III, IV or V



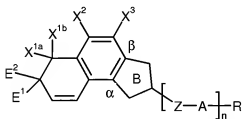
I



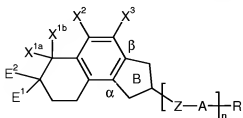
II



III

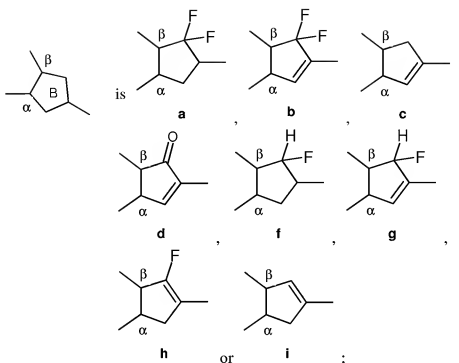


IV



V

in which:



A is in each case, independently of one another, 1,4-phenylene, in which  $\text{=CH-}$  may be replaced once or twice by  $\text{=N-}$ , and which may be monosubstituted to tetrasubstituted, independently of one another, by halogen ( $\text{-F}$ ,  $\text{-Cl}$ ,  $\text{-Br}$ ,  $\text{-I}$ ),  $\text{-CN}$ ,  $\text{-CH}_3$ ,  $\text{-CH}_2\text{F}$ ,  $\text{-CHF}_2$ ,  $\text{-CF}_3$ ,  $\text{-OCH}_3$ ,  $\text{-OCH}_2\text{F}$ ,  $\text{-OCHF}_2$  or  $\text{-OCF}_3$ , 1,4-cyclohexylene, 1,4-cyclohexenylene or 1,4-cyclohexadienylene, in which  $\text{-CH}_2\text{-}$  may in each case be replaced once or twice, independently of one another, by  $\text{-O-}$  or  $\text{-S-}$  in such a way that heteroatoms are not linked directly, and which all may be monosubstituted or polysubstituted by halogen;

Z is in each case, independently of one another, a single bond, a double bond,  $\text{-CF}_2\text{O-}$ ,  $\text{-OCF}_2\text{-}$ ,  $\text{-CH}_2\text{CH}_2\text{-}$ ,  $\text{-CF}_2\text{CF}_2\text{-}$ ,  $\text{-CF}_2\text{-CH}_2\text{-}$ ,  $\text{-CH}_2\text{-CF}_2\text{-}$ ,  $\text{-CHF-CHF-}$ ,  $\text{-C(O)O-}$ ,  $\text{-OC(O)-}$ ,  $\text{-CH}_2\text{O-}$ ,  $\text{-OCH}_2\text{-}$ ,  $\text{-CF=CH-}$ ,  $\text{-CH=CF-}$ ,  $\text{-CF=CF-}$ ,  $\text{-CH=CH-}$  or  $\text{-C}\equiv\text{C-}$ ;

R is hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted, monosubstituted by -CN or -CF<sub>3</sub> or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not linked directly, halogen, -CN, -SCN, -NCS, -SF<sub>5</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub> or -OCH<sub>2</sub>F;

X<sup>1</sup>, X<sup>1a</sup>, X<sup>1b</sup>, X<sup>2</sup> and X<sup>3</sup> are each, independently of one another, hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not linked directly, halogen, -CN, -SF<sub>5</sub>, -SCN, -NCS, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub> or -OCH<sub>2</sub>F;

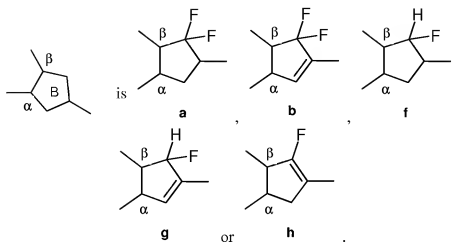
E<sup>1</sup> and E<sup>2</sup> are each, independently of one another, hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted, monosubstituted by -CN or -CF<sub>3</sub> or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not linked directly, halogen, -CN, -SCN, -NCS, -SF<sub>5</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub>, -OCH<sub>2</sub>F or -(Z-A)<sub>n</sub>-R; and

n is 0, 1, 2 or 3;

where

in the formula I, ring B does not stand for the formula c if X<sup>1</sup>, X<sup>2</sup> and X<sup>3</sup> are simultaneously hydrogen, and.

2. (Previously Presented) A cyclopenta[a]naphthalene compound according to Claim 1, wherein

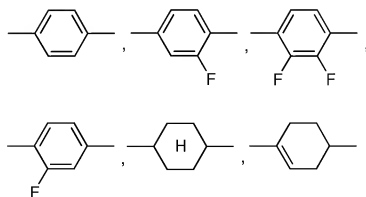


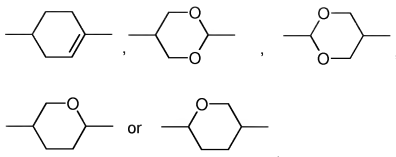
3. (Previously Presented) A cyclopenta[a]naphthalene compound according to Claim 1, wherein

Z is a single bond,  $-\text{CF}_2\text{O}-$ ,  $-\text{OCF}_2-$ ,  $-\text{CF}_2\text{CF}_2-$ ,  $-\text{CH}=\text{CH}-$ ,  $-\text{CF}=\text{CH}-$ ,  $-\text{CH}=\text{CF}-$  or  $-\text{CF}=\text{CF}-$ .

4. (Previously Presented) A cyclopenta[a]naphthalene compound according to claim 1, wherein

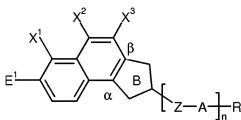
A is



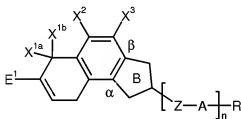


5. (Previously Presented) A cyclopenta[a]naphthalene compound according to claim 1, wherein  
R is an alkyl radical, alkoxy radical or alkenyl radical having from 1 to 7 or 2 to 7 carbon atoms respectively.
6. (Previously Presented) A cyclopenta[a]naphthalene compound according to claim 1, wherein  
E<sup>1</sup> and E<sup>2</sup>, independently of one another, are hydrogen, an alkyl radical or alkoxy radical having from 1 to 7 carbon atoms, fluorine, chlorine or  $-(Z-A)_n-R$ , in which n is 1, Z is a single bond, A is 1,4-cyclohexylene or optionally mono- or poly-fluorine-substituted 1,4-phenylene, and R is alkyl, alkoxy or alkenyl having from 1 to 7 or 2 to 7 carbon atoms respectively.
7. (Previously Presented) A cyclopenta[a]naphthalene compound according to claim 1, wherein  
at least one of X<sup>1</sup>, X<sup>2</sup> and X<sup>3</sup> or at least one of X<sup>1a</sup>, X<sup>1b</sup>, X<sup>2</sup> and X<sup>3</sup> is -CF<sub>3</sub>, fluorine or chlorine.
8. (Previously Presented) A cyclopenta[a]naphthalene compound according to claim 1, wherein  
X<sup>1</sup>, X<sup>2</sup> and X<sup>3</sup> or X<sup>1a</sup>, X<sup>1b</sup>, X<sup>2</sup> and X<sup>3</sup> are -CF<sub>3</sub>, fluorine and/or chlorine.
9. (Previously Presented) A cyclopenta[a]naphthalene compound according to claim 1, wherein  
X<sup>1</sup>, X<sup>2</sup> and X<sup>3</sup> or X<sup>1a</sup>, X<sup>1b</sup>, X<sup>2</sup> and X<sup>3</sup> are fluorine.

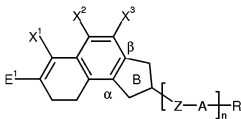
10. (Canceled)
11. (Previously Presented) A liquid-crystalline medium comprising at least two liquid-crystalline compounds, wherein at least one liquid-crystalline compound is a cyclopenta[a]naphthalene compound according to claim 1.
12. (Previously Presented) An electro-optical display element containing a liquid-crystalline medium according to Claim 11.
13. (Currently Amended) A cyclopenta[a]naphthalene compound of formula ~~IV~~, VI, VII, VIII, IX or X,



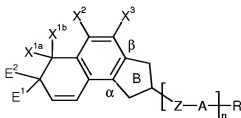
VI



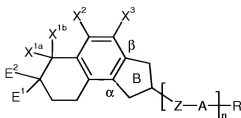
VII



VIII

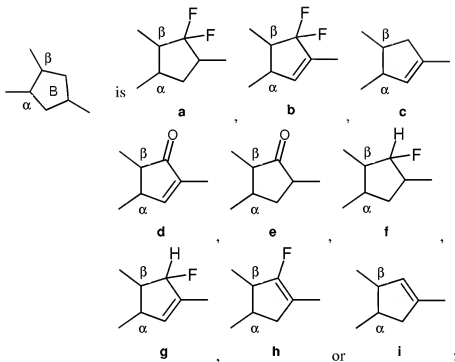


IX



X

in which:



A is in each case, independently of one another, 1,4-phenylene, in which =CH- may be replaced once or twice by =N-, and which may be monosubstituted to tetrasubstituted, independently of one another, by halogen (-F, -Cl, -Br, -I), -CN, -CH<sub>3</sub>, -CH<sub>2</sub>F, -CHF<sub>2</sub>, -CF<sub>3</sub>, -OCH<sub>3</sub>, -OCH<sub>2</sub>F, -OCHF<sub>2</sub> or -OCF<sub>3</sub>, 1,4-cyclohexylene, 1,4-cyclohexenyleno or 1,4-cyclohexadienyleno, in which -CH<sub>2</sub>- may in each case be replaced once or twice, independently of one another, by -O- or -S- in such a way that heteroatoms are not linked directly, and which all may be monosubstituted or polysubstituted by halogen;

- Z is in each case, independently of one another, a single bond, a double bond, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>-, -CF<sub>2</sub>CF<sub>2</sub>-, -CF<sub>2</sub>-CH<sub>2</sub>-, -CH<sub>2</sub>-CF<sub>2</sub>-, -CHF-CHF-, -C(O)O-, -OC(O)-, -CH<sub>2</sub>O-, -OCH<sub>2</sub>-, -CF=CH-, -CH=CF-, -CF=CF-, -CH=CH- or -C≡C-;
- R is hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted, monosubstituted by -CN or -CF<sub>3</sub> or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not linked directly, halogen, -CN, -SCN, -NCS, -SF<sub>5</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub> or -OCH<sub>2</sub>F;
- X<sup>1</sup>, X<sup>1a</sup>, X<sup>1b</sup>, X<sup>2</sup> and X<sup>3</sup> are each, independently of one another, hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not linked directly, halogen, -CN, -SF<sub>5</sub>, -SCN, -NCS, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub> or -OCH<sub>2</sub>F;
- E<sup>1</sup> and E<sup>2</sup> are each, independently of one another, hydrogen, an alkyl, alkoxy, alkenyl or alkynyl radical having from 1 to 15 or 2 to 15 carbon atoms respectively which is unsubstituted, monosubstituted by -CN or -CF<sub>3</sub> or at least monosubstituted by halogen, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -COO-, -OCO- or -OCO-O- in such a way that heteroatoms are not linked directly, halogen, -CN, -SCN, -NCS, -SF<sub>5</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub>, -OCH<sub>2</sub>F or -(Z-A)<sub>n</sub>-R; and
- n is 0, 1, 2 or 3;



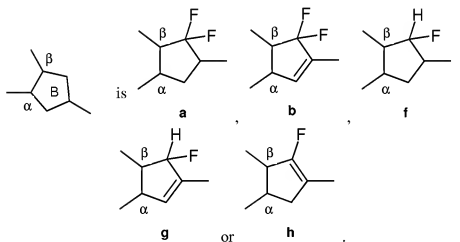
where

in the formula I, ring B does not stand for the formula e if  $X^1$ ,  $X^2$  and  $X^3$  are simultaneously hydrogen,

in formula I, ring B does not stand for formula e if  $X^2$  and  $X^3$  are simultaneously fluorine or if  $E^1$  is hydrogen and simultaneously  $X^1$  and  $X^2$  are fluorine and

at least one of  $X^1$ ,  $X^2$  and  $X^3$  or at least one of  $X^{1a}$ ,  $X^{1b}$  and  $X^2$  and  $X^3$  is  $-CF_3$ , fluorine and/or chlorine.

14. (Previously Presented) A cyclopenta[a]naphthalene compound according to Claim 13, wherein

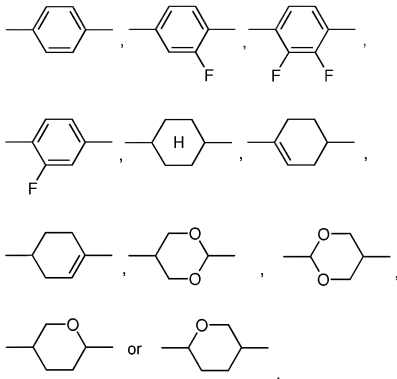


15. (Previously Presented) A cyclopenta[a]naphthalene compound according to Claim 13, wherein

Z is a single bond,  $-CF_2O-$ ,  $-OCF_2-$ ,  $-CF_2CF_2-$ ,  $-CH=CH-$ ,  $-CF=CH-$ ,  $-CH=CF-$  or  $-CF=CF-$ .

16. (Previously Presented) A cyclopenta[a]naphthalene compound according to claim 13, wherein

A is



17. (Previously Presented) A cyclopenta[a]naphthalene compound according to claim 13, wherein  
 R is an alkyl radical, alkoxy radical or alkenyl radical having from 1 to 7 or 2 to 7 carbon atoms respectively.

18. (Previously Presented) A cyclopenta[a]naphthalene compound according to claim 13, wherein

$E^1$  and  $E^2$ , independently of one another, are hydrogen, an alkyl radical or alkoxy radical having from 1 to 7 carbon atoms, fluorine, chlorine or  $-(Z-A)_n-R$ , in which  $n$  is 1,  $Z$  is a single bond,  $A$  is 1,4-cyclohexylene or optionally mono- or poly-fluorine-substituted 1,4-phenylene, and  $R$  is alkyl, alkoxy or alkenyl having from 1 to 7 or 2 to 7 carbon atoms respectively.

19. (Previously Presented) A liquid-crystalline medium comprising at least two liquid-crystalline compounds, wherein at least one liquid-crystalline compound is a cyclopenta[a]naphthalene derivative according to claim 13.
20. (Previously Presented) An electro-optical display element containing a liquid-crystalline medium according to Claim 19.